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**From:** Bertrand, Charlotte [Bertrand.Charlotte@epa.gov]  
**Sent:** 5/29/2019 1:38:07 PM  
**To:** Hamernik, Karen [Hamernik.Karen@epa.gov]  
**CC:** Beck, Nancy [Beck.Nancy@epa.gov]; Hughes, Hayley [hughes.hayley@epa.gov]; Hanley, Mary [Hanley.Mary@epa.gov]; Keller, Kaitlin [keller.kaitlin@epa.gov]  
**Subject:** RE: IRIS: RE: PFAS Systematic Review Protocol & Briefing for the EPA-Wide IRIS Community on May 30th at 3PM Eastern

# Deliberative Process / Ex. 5

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**From:** Hamernik, Karen  
**Sent:** Tuesday, May 28, 2019 7:02 PM  
**To:** Bertrand, Charlotte <Bertrand.Charlotte@epa.gov>  
**Cc:** Beck, Nancy <Beck.Nancy@epa.gov>; Hughes, Hayley <hughes.hayley@epa.gov>; Hanley, Mary <Hanley.Mary@epa.gov>; Keller, Kaitlin <keller.kaitlin@epa.gov>  
**Subject:** RE: IRIS: RE: PFAS Systematic Review Protocol & Briefing for the EPA-Wide IRIS Community on May 30th at 3PM Eastern

Chapter 10 of the Handbook is entitled:  
ANALYSIS AND SYNTHESIS OF MECHANISTIC INFORMATION

I'm about to put something together. Please let me know if I am not in the correct place.

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**From:** Bertrand, Charlotte  
**Sent:** Tuesday, May 28, 2019 5:02 PM  
**To:** Hamernik, Karen <Hamernik.Karen@epa.gov>  
**Cc:** Beck, Nancy <Beck.Nancy@epa.gov>; Hughes, Hayley <hughes.hayley@epa.gov>; Hanley, Mary <Hanley.Mary@epa.gov>; Keller, Kaitlin <keller.kaitlin@epa.gov>  
**Subject:** Re: IRIS: RE: PFAS Systematic Review Protocol & Briefing for the EPA-Wide IRIS Community on May 30th at 3PM Eastern

Thank you.

Sent from my iPhone

On May 28, 2019, at 5:01 PM, Hamernik, Karen <Hamernik.Karen@epa.gov> wrote:

Charlotte,  
I can check with the programs again.  
However, there is no additional time per se, as IRIS wanted to be aware of comments ahead of their meeting on the 30<sup>th</sup>.  
I will go back and check on the earlier provided comments from the Handbook.

Thanks,

Karen

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**From:** Bertrand, Charlotte  
**Sent:** Tuesday, May 28, 2019 3:29 PM  
**To:** Hamernik, Karen <[Hamernik.Karen@epa.gov](mailto:Hamernik.Karen@epa.gov)>  
**Cc:** Beck, Nancy <[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)>; Hughes, Hayley <[hughes.hayley@epa.gov](mailto:hughes.hayley@epa.gov)>; Hanley, Mary <[Hanley.Mary@epa.gov](mailto:Hanley.Mary@epa.gov)>; Keller, Kaitlin <[keller.kaitlin@epa.gov](mailto:keller.kaitlin@epa.gov)>  
**Subject:** Re: IRIS: RE: PFAS Systematic Review Protocol & Briefing for the EPA-Wide IRIS Community on May 30th at 3PM Eastern

Hi - thanks for sending this email, I am surprised that we have not gotten comments and two requests. The first is if you can go back out to OPPT and OPP and check to see if they have comments. Also check to see if they need additional time. The second is if you can look up some of the comments we provided earlier on the IRIS handbook regarding evidence integration and assigning hazard descriptions for non carcinogens. Chapter X ( the weight of evidence chapter) in this document does that **Deliberative Process / Ex. 5** Thanks. Charlotte

Sent from my iPhone

On May 28, 2019, at 2:59 PM, Hamernik, Karen <[Hamernik.Karen@epa.gov](mailto:Hamernik.Karen@epa.gov)> wrote:

Charlotte,

Update: RE: *Systematic Review Protocol for the PFBA, PFHxA, PFHxS, PFNA, and PFDA IRIS Assessments*

- I received no comments from OCSPP contacts.
- IRIS had asked for any show-stopper or red-flag comments prior to the Agency-Wide briefing on May 30<sup>th</sup> (prior to the documents anticipated posting for public comment in June).
- Due date for comments back to IRIS is today, May 28<sup>th</sup>, 2019.

Thanks,  
Karen

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**From:** Hamernik, Karen  
**Sent:** Thursday, May 23, 2019 6:44 PM  
**To:** Henry, Tala <[Henry.Tala@epa.gov](mailto:Henry.Tala@epa.gov)>; Lowit, Anna <[Lowit.Anna@epa.gov](mailto:Lowit.Anna@epa.gov)>; Hughes, Hayley <[hughes.hayley@epa.gov](mailto:hughes.hayley@epa.gov)>; Stedeford, Todd <[Stedeford.Todd@epa.gov](mailto:Stedeford.Todd@epa.gov)>  
**Cc:** Bertrand, Charlotte <[Bertrand.Charlotte@epa.gov](mailto:Bertrand.Charlotte@epa.gov)>; Beck, Nancy <[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)>; Hanley, Mary <[Hanley.Mary@epa.gov](mailto:Hanley.Mary@epa.gov)>; Keller, Kaitlin <[keller.kaitlin@epa.gov](mailto:keller.kaitlin@epa.gov)>; Morris, Jeff <[Morris.Jeff@epa.gov](mailto:Morris.Jeff@epa.gov)>; Keigwin, Richard <[Keigwin.Richard@epa.gov](mailto:Keigwin.Richard@epa.gov)>  
**Subject:** Reminder: Update from IRIS: RE: PFAS Systematic Review Protocol & Briefing for the EPA-Wide IRIS Community on May 30th at 3PM Eastern

Please provide any show-stopper or red-flag comments on OCSPP program concerns/thoughts.

IRIS would like to be aware of any issues prior to the Agency-Wide IRIS briefing on May 30<sup>th</sup>.

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**From:** Hamernik, Karen

**Sent:** Wednesday, May 15, 2019 11:18 AM

**To:** Henry, Tala <[Henry.Tala@epa.gov](mailto:Henry.Tala@epa.gov)>; Lowit, Anna <[Lowit.Anna@epa.gov](mailto:Lowit.Anna@epa.gov)>; Hughes, Hayley <[hughes.hayley@epa.gov](mailto:hughes.hayley@epa.gov)>; Stedeford, Todd <[Stedeford.Todd@epa.gov](mailto:Stedeford.Todd@epa.gov)>

**Cc:** Bertrand, Charlotte <[Bertrand.Charlotte@epa.gov](mailto:Bertrand.Charlotte@epa.gov)>; Beck, Nancy <[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)>; Hanley, Mary <[Hanley.Mary@epa.gov](mailto:Hanley.Mary@epa.gov)>; Keller, Kaitlin <[keller.kaitlin@epa.gov](mailto:keller.kaitlin@epa.gov)>; Morris, Jeff <[Morris.Jeff@epa.gov](mailto:Morris.Jeff@epa.gov)>; Keigwin, Richard <[Keigwin.Richard@epa.gov](mailto:Keigwin.Richard@epa.gov)>

**Subject:** Update from IRIS: RE: PFAS Systematic Review Protocol & Briefing for the EPA-Wide IRIS Community on May 30th at 3PM Eastern

Update: *Systematic Review Protocol for the PFBA, PFHxA, PFHxS, PFNA, and PFDA IRIS Assessments*

- IRIS would like comments by May 28<sup>th</sup>, 2019 in anticipation of the May 30<sup>th</sup> Agency-wide briefing.
- Please provide any show-stoppers or red-flag comments for consolidation and IO review by Wednesday, May 22, 2019.

Thanks,  
Karen

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**From:** Hamernik, Karen

**Sent:** Tuesday, May 14, 2019 5:10 PM

**To:** Henry, Tala <[Henry.Tala@epa.gov](mailto:Henry.Tala@epa.gov)>; Lowit, Anna <[Lowit.Anna@epa.gov](mailto:Lowit.Anna@epa.gov)>; Hughes, Hayley <[hughes.hayley@epa.gov](mailto:hughes.hayley@epa.gov)>; Stedeford, Todd <[Stedeford.Todd@epa.gov](mailto:Stedeford.Todd@epa.gov)>

**Cc:** Bertrand, Charlotte <[Bertrand.Charlotte@epa.gov](mailto:Bertrand.Charlotte@epa.gov)>; Beck, Nancy <[Beck.Nancy@epa.gov](mailto:Beck.Nancy@epa.gov)>; Hanley, Mary <[Hanley.Mary@epa.gov](mailto:Hanley.Mary@epa.gov)>; Keller, Kaitlin <[keller.kaitlin@epa.gov](mailto:keller.kaitlin@epa.gov)>; Morris, Jeff <[Morris.Jeff@epa.gov](mailto:Morris.Jeff@epa.gov)>; Keigwin, Richard <[Keigwin.Richard@epa.gov](mailto:Keigwin.Richard@epa.gov)>

**Subject:** RE: Attachment Added : PFAS Systematic Review Protocol & Briefing for the EPA-Wide IRIS Community on May 30th at 3PM Eastern

All,

Re: *Systematic Review Protocol for the PFBA, PFHxA, PFHxS, PFNA, and PFDA IRIS Assessments*

- Please provide any show-stoppers or red-flag comments for consolidation and IO review by Wednesday, May 22, 2019.
- IRIS plans to discuss this document on Thursday, May 30, 2019 in its Agency-wide briefing (prior to its anticipated posting for public comment in June).
- OCSPP provided input into the previously released GenX and PFBS PFAS assessments (circa Aug 2018).

If there are any issues, please inform.

Thanks,  
Karen

-----Original Appointment-----

**From:** HHRA\_Meetings

**Sent:** Tuesday, May 14, 2019 3:56 PM

**Subject:** Attachment Added : PFAS Systematic Review Protocol & Briefing for the EPA-Wide IRIS Community on May 30th at 3PM Eastern

**When:** Thursday, May 30, 2019 3:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** DC RRB 51161 (Policyeum);

**Personal Privacy Ex. 6**

As mentioned during the IRIS Kick-off meeting in February and every EPA-Wide IRIS Meeting since, we are planning to release the *Systematic Review Protocol for the PFBA, PFHxA, PFHxS, PFNA, and PFDA IRIS Assessments* for public comment in June. In preparation, we are providing the current draft of the document (attached) and have scheduled an EPA-wide briefing for May 30<sup>th</sup> at 3:00 PM Eastern. If as you read the protocol you see show-stoppers or red flags that you would like to bring to our attention, please contact [Andrew Kraft](#), IRIS Associate Director for Science and NCEA PFAS Lead. Please also copy [Vicki Soto](#) in your communications as Andrew may be out during part of this month.

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<5PFASProtocol051319IOAAreview.docx>